

R-4460-D

Technology for Fundus Camera in Mass Examination -
Comparison of the Findings Obtained by Fundus
Photography and Ophthalmoscopy, by Y. Komachi,
et al.
JAPANESE, per, Osaka Gankashu Dankai, Mar 24, 1963,
pp 1-4.

*JPRS/NJH

Sci
Oct 64

On Attending the Ninth Conference of the World
Veterans Federation in Paris, by Kurata Sadao, 27 pp.

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Front & Back Covers, pp 1-40.

JPRS/SF-2106

WE - France
Asia - Japan

Pol

Feb 62

132,063

Experiments on Carcinogenesis With Tetramethyldiamino-
benzophenone, by M. Harada, 6 pp.
JAPANESE, per, Osaka Igakkai Zasshi, Vol XXXVI,
1937. pp 955-958.

Some Complex Salts of Silver Iodide and Potassium
Iodide Obtained From Water~Alcohol~and Acetone
Solutions and Their Contrast in Photosensitivity,
by Ishii Shinjiro, 22 pp.
JAPANESE, per, Osaka Kogo Shikensho Hokoku,
Vol 11, No 20, 1931 PG.11127066
AEC AI-tr-212 *pp 1-25*

Sci/Physics
Dec 66

314,571

Yanagawa, Tetsunosuke and Nishida, Hoahdo.
STUDIES ON PROTEINS. IV. ON THE TASTE-
PRODUCING AMINO ACIDS. [1963] 33p.
Order from SLA \$3.60 63-14651

Trans. of [Osaka Kogyo Gijutsu Shinsekjo Hokoku]
(Japan) 1963, v. 16, no. 16, p. 1-26.

DESCRIPTORS: *Proteins, *Amino acids, *Condi-
ments, *Taste, *Sodium compounds.

(Food, TT, v. 10, no. 5)

63-14651

I. Yanagawa, T.
II. Nishida, H.
III. Title: On ...

Office of Technical Services

Hydrothermal Synthesis of Magnetic Iron-cobalt
Oxides, by S. Kobayashi, T. Ando.
JAPANESE, per, Osaka Kogyo Gijutsu Shikensho
Kiho, Vol 14, No 4, 1963, pp 336-341.
NTC-69-15945-11F

Sci-Materials
Feb 70

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HEW/Radiological Health

R-5164-D

3 April 67

Enzymatic Hydrolysis of Cyclic Peptides, 2. Enzymatic
Cleavage of Gramicidin S

By: Masahiko Yukioka

From: J. Osaka Medical Center 11:239-49, 1962 (11 pp)

Japanese - sent for info:

Please translate and type 1 original copy. Do not mutilate document. Reproduce for paste-up.

61-12883

Nakajyo, Etsuji and others.
OBSERVATIONS ON THE LEVEL OF ACTIVITY OF
LIVER CATALASE IN MUS MUSCULUS VAR.
ALBINUS, tr. by K. Shimizu. 1961, 14p. 10 refs.
NRCC Technical Trans. 933.
Order from NRCC \$1.00

NRCC C-3373

Trans. of Osaka Shiriten Daigaku Igaku Zasshi
(Japan) 1933, v. 4, p. 376-380.

1. Liver--Biochemistry
2. Catalase--Determination
- I. Nakajyo, E.
- II. NRCC TT-933
- III. NRCC C-3373
- IV. National Research Council
of Canada

151920

Office of Technical Services

(Biological Sciences--Biochemistry, TT, v. 3, no. 9)

A Method for the Separation of Bone Marrow Cells by
Means of Multilayer Centrifugation, by Eiichi Kimura,
Yoshikata Nishikawa, Iwao Enomoto, 14 pp.

JAPANESE, per, Osaka Shiritsu Daigaku Igaku Zasshi,
Vol VI, 1957, pp 234-240.

AEC Tr 3152

Sci - Medicine
Ajr 58

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AEC-ANL-TY-6

Sci-Chem
Aug 64

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Enzymatic Hydrolysis of Cyclic Peptides
I. Enzymatic Cleavage of Colistin,
by Gen. Isshiki.
JAPANESE, per, Osaka Shiritsu Daigaku Igaku
Zasshi, Vol 11, No 5/8, 1962, pp 201-214.
SLA TT-64-18682

Sci-B&M
Jul 66

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A Case Report of Hemangiopericytoma Developed in
Facial Cavity and Paranasal Sinus of a Child,
by J. Marushima, 4 pp.

JAPANESE, par, Otolaryngology, Vol XXXIII, 1961,
pp 537-539.

NIE 8-18-63 (Leon)

Sed - Biol & Med
Sep 63

345,332

Methods of Measuring Specific Heat at High Temperatures,
by Seizo Nagasaki, Yutaka Takagi, 10 pp.

by Seizo Nagasaki
JAPANESE, per, Journal of Applied Physics of Japan,
Vol XVII, 1948, pp 104-109. 9095274

AEC SCL-T-378

Sci - Phys
Jan 62

178,962

On the Ultrasonic Absorption of the Solution
of Electrolytes, by Senichi Tokawa, 8pp
JAPANESE, per, Oyo Butsuri, Vol 20, 1951,
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SLA TT-65-10123

Sci - Chem
June 67

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The Structure of Thin Films of Paraffin on the Surface of Metals. Part I, by S. Yoshioka, H. Yamamoto, 11 pp.

JAPANESE, pub, Oyo Butsuri, Vol XX, No 6-7, 1951, pp 242-246. C. A. Vol XLVI, 1952, p 5922e.

ATS JJ-4165

Sci

95, 681

Aug 59

The Structure of Thin Films of Paraffin on the Surface of Metals. Part II, by S. Yoshioka, H. Yamamoto, 11 pp. Pa

JAPANESE, par, Oyo Butsuri, Vol XI, No 8-9, 1951, pp 286-289. C. A., Vol XLVI, 1952, p 5922a.

ATB JJ-4166

Sci

Aug 59

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The Influence of Intensity and Frequency of
Ultrasonic Waves on the Grain Size of Calcium
Carbonate Precipitate, by Ryonkichi Okazaki, 4 pp.

JAPANESE, per, Gyo Botsuri, Vol XXII, 1953,
pp 358-359.

ASC Tr 2427 33,344

Sci - Chemistry

Apr 56

Sawaki, Teikasa and Iwata, Minoru.
ACHROMATIZATION OF ANTIREFLECTION COAT-
INGS: TREATMENT ACCORDING TO THE ELECTRI-
CAL NETWORK THEORY, tr. by H. J. Kondo. 1962,
23p. 43 refs. NRCC Technical Trans. 1039.
Order from NRCC \$1.50 NRCC C-4152

Trans. of Oyo Butsuri (Japan) 1955, v. 24, no. 2,
p. 49-56.

DESCRIPTORS: Optical materials, *Optical coatings,
Thin films, Theory, Reflection, Refractive index.

(Physics--Optics, TT, v. 9, no. 3)

63-12408

- I. Sawaki, T.
- II. Iwata, M.
- III. NRCC TT-1039
- IV. NRCC C-4152
- V. National Research Council
of Canada

Office of Technical Services

Crystal Structure and Physical Properties
of CuSe , by Masaharu Aoki, Shoji Tanaka,
16 pp.
JAPANESE, per, Oyo Butsuri, Vol XXIV, 1955,
pp 113-117.
AEC-SG-T-64-916

Sci-Phys
Apr 65

277,903

Physical Properties of Fluorocarbon Resins. Part 1,
by A. Hishioaka,

Res. Notes
JAPANESE, per, J Appl Phys (Japan), Vol XXV, No 10, 1958
pp 389-395

ATS JJ-1719

Sci - *chem*
Jul 59

90,457

Mathematical Analysis of the Intensity Distribution
of Optical Images for Various Degrees of Coherence
of Illumination Representation of Intensity by
Hermitian Matrices, by H. Gamo, 37 pp.
CHINESE, per, Oyo Butsuri, Vol 25, No 11, 1956,
pp 431-443.
NASA TT F 13721

Oct 71

Physical Properties of Fluorocarbon Resins. Part 2,
by A. Ishihara,

By: Petrus
JAPANESE, per, *J Appl Phys (Japan)*, Vol XXV, No 12,
1956, pp 475-479.

ATS JJ-1720

Sci - *chem*
Jul 59

90,456

The Sampling Theorem for the Image Obtained by a
Circular Aperture and its Applications to Numerical
Calculation of Amplitude, Intensity and Their
Fourier Transforms With Analytical Expression of
Response Functions, by H. Gamo, 37 pp.
CHINESE, per, Oyo Butsuri, Vol 26, 1957a, pp 102-
115.
NASA TT F 13720

Oct 71

Transformation of Intensity Matrix in Optics by a
Pupil, by H. Gamo, 21 pp.

CHINESE, per, Oyo Butsuri, Vol 26, No 9, 1957,
pp 414-421.

NASA TT F 13718

Oct 71

Contact Resistance in Silicon Carbide Contacts,
by N. Masaharu.

JAPANESE, per, Oyo Datsuri (Journal of Applied
Physics), Vol 26, 1957, pp 602-608.

NASA TT F-11,736

Sci
Dec 68

371,106

Intensity Matrix of the Image Obtained by
a Circular Aperture, by Hideya Gamo,
19 pp.

JAPANESE, per, Oyo Bunka, Vol XXVII,
No 10, 1958, pp 577-584.

SLA 60-14225

Sci
Mar 62
Vol IV, No 2

188,827

and Geometrical Optics
Comparison of Wave Optics by Nonlinear Analysis,
Part 3, Image Evaluation by Exact Diagonals, by
Kenzo MINAMOTO, 15 p.

JAPANESE, per, Cyo Butsuri, 1958, Vol XXIX,
No 10, pp 585-590.

DIA 59-15276

Sci
Jan 60
Vol 12, No 5

104,609

On Achromatic Coating For Photographic Lens, by
Hisashi Nishino, 12 p.

JAPANESE, par, Gyo Butsuri, 1958, Vol XXVII, No 10,
pp 590-595.

SLA 60-10276

NLL m. 2422

112, 018

Sci
Apr 60
Vol III, No 3

A Method of Measuring the Metallic Diffusion by the Use of Autoradiographic Method, by Y. Ishii, 7 pp.

JAPANESE, per, Oyo Butsuri, 28, 1959, pp. 426-432.

*Nat. Bur. Stand. TT 70-57156

Sci/Phys
MAY 70

Namba, Susumu, Yoshizawa, Mitio, and Tamura,
Hihumi.
ELECTROLUMINESCENCE OF ORGANIC FLUOR-
ESCENT COMPOUNDS. 7p (9 figs 7 refs omitted)
Order from SLA \$1.10 TT-64-16496

Trans. of Oyo Butsuri (Japan) 1959, v. 28 [no. 8]
p. 439-444.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16496

I. Namba, S.
II. Yoshizawa, M.
III. Tamura, H.

Office of Technical Services

Strands in Vacuum Evaporated Films, by H. Kondo,
K. Ichimura.

JAPANESE, per. Sci. Japan, Vol XXVIII, 1959.

p 848-560

PAIR 60-T-65-741

Sci-Japan
Jan 60

Response Function of the Human Eye, by
S. Ooue,
JAPANESE, per, Oyo Butrasi, Vol. XXVIII,
No 9, 1959, pp 531-535.
ATS JS-103

Sci-BQM
Apr 67

324, AMI602

Stress in Vacuum-evaporated Films, by H. Kondo,
K. Kunoshita. 13 pp.
JAPANESE, per, Gyo Butsuri, Vol 28, No 9, 1959,
pp 553-560.
AEC SC-T-65-741

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Apr 67

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A Photoelectric Study of a Silver Bromide Crystal,
by S. Sanoike, Y. Mita.

JAPANESE, per, Oyo Butsuri, Vol XXVIII, No 10,
1959, pp 602-606.

CSIRO

Sci - Phys

Jun 61

157,807

Optical Media: Filter, by Kazuo Sugawara. 18 pp.

JAPANESE, par, Gyo Jitsuri, Vol XXVII, No 10,
1993, pp 633-638.

CIA ID-15700

Sci
Jan 60
Vol 2, No 7

104,637

An Improvement on the Nijboer-Niehuys Method for
Calculating Diffraction Patterns, by Hidayat Gamo,
5 pp.

JAPANESE, per, Oyo Butsuri, Vol XXVII, No 10,
1959, pp 633, 634.

/SLA 59-15594

Sci
Dec 59
Vol 2, No 4

103088

The Effect of Ground Glass on the Coherency of
Transmitted or Reflected Light, by Nobuyoshi
Joichi, 8 pp.

JAPANESE, per, Oyo Butsuri, Vol XXVII, No 10,
1958, pp 634-636.

SLA 59-15593

Sci
Dec 59
Vol 2, No 4

103,089

Aberrations of a System in Which the
Object-Image Correspondence Is Reversed,
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JAPANESE, par, Oyo Butsuri, Vol XKVII,
No 19, 1958, pp 595-599.

SLA 60-14226

Sci
Mar 62
Vol IV, No 2

188, 828

Wada, M., Takahashi, T., and Seki, T.
PHOTOCONDUCTIVE PROPERTIES OF LEAD MON-
OXIDE. 5p
Order from ATS \$8.00 ATS-31R76J

Trans. of Oyo Butsuri (Japan) 1959, v. 28, no. 4,
p. 216-219.

(Chemistry--Physical, TT, v. 12, no. 5)

TT-64-22444

- I. Wada, M.
- II. Takahashi, T.
- III. Seki, T.
- IV. ATS-31R76J
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Establishment of the Fifth Order Aberration Theory
for Practical Use. I. General Theory, by
Matsui Yoshiya.

JAPANESE, per, Oyo Butsuri, Vol XXVIII, No 11,
1959, pp 642-650.

MLL M. 2586

Sci - Phys

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Jan 62

Sugiyama, Yoehio.
COMPARISON OF DIFFERENT COLOR-DIFFERENCE
FORMULAS BY USING RANK CORRELATION
METHOD. [1961] 4p. 3 refs.
Order from SLA mi\$1.80, pb\$1.80 61-10591

Trans. of Oyo Butsuri (Japan) 1959, v. 28, no. 11,
p. 668-669.

(Physics--Optics, TT, v. 5, no. 12)

61-10591

1. Colors--Standards
1. Sugiyama, Y.

148578

Office of Technical Services

Projective Geometry Applied to Color and
Colorimetry, by Y. Sugiyama, 9 pp.

JAPANESE, per, Oyo Butsuri, Vol XXVIII, No 12,
1959, pp 677-680.

SLA 65-10991

Sci

Apr 61

146, 168

Sugiyama, Y., Fukuda, T., and Tabata, O.
ON THE L/Y RATIO. [1960] 10p. 13 refs.
Order from SLA mi\$1.80, ph\$1.80 60-18131

Trans. of Oyo Butsuri (Japan) 1959, v. 28, no. 12,
p. 681-687.

The heterochromatic brightness L of colored samples which have similar luminous reflectance Y was measured by using the gray scale, and the equal L/Y curves were drawn on the chromaticity diagram. The results obtained by two observers did not always coincide and there were some differences among the brightness levels. Though Y values are same, everyone judges generally that blue colors are more bright than yellow colors and the bluer the color, the brighter it appears. These results were caused by uncertainties in the luminosity curve and by the non-linearity of the responses of receptors in the eyes.

(Physics--Optics, TT, v. 5, no. 4)

60-18131

- I. Colorimetry--Theory
- I. Sugiyama, Y.
- II. Fukuda, T.
- III. Tabata, O.

143,255

Office of Technical Services

Establishment of the Fifth Order Aberration
Theory for Practical Use. I. General Theory,
by Matsui Yoshiya.

JAPANESE, per, Oyo Butsuri, Vol. XXVIII, No 12,
1959, pp 687-697.

NLL M. 1586

Sci - Phys

Jan 62

180,040

Hagino, Minoru, Takahashi, Tadashi, and
Wada, Masanobu.

PHOTOELECTRIC AND OPTICAL PROPERTIES OF
Sb-Ce AND Sb(Mg)-Ce FILMS. [1960] 24p. 11 refs.
Order from SLA ml\$2.70, ph\$4.80 60-18118

Trans. of Oyo Butsuri (Japan) 1959, v. 28 [no. 12]
p. 711-720.

Experimental data suggest that the mechanism of dark
current reduction in photomultiplier tubes is related
to an increase of the acceptor density caused by the
addition of Mg and not to a lowering of the Fermi level
by the addition of other elements as postulated by
W. E. Spicer (RCA Rev. 12: 555, 1958)

146,983

(Physics--Electronics, TT, v. 5, no. 5)

60-18118

1. Photomultipliers--
Sensitivity
2. Metal films--Electrical
properties
3. Metal films--Optical
properties
4. Photoemission--Electrical
factors
5. Antimony--Properties
6. Cesium--Properties
- I. Hagino, M.
- II. Takahashi, T.
- III. Wada, M.

Office of Technical Services

Contact Charging of Irradiated Polyethylene, by
S. Kittaka, A. Kasai.

JAPANESE, per, Oyo Butsuri, Vol.XXIX, No 1, 1960,
pp 27-31.

CSIRO

Sci - Phys

Jun 61

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Response Function of the Photographic Adjacency
Effect, by Kazuo Sayanagi.

JAPANESE, per, Gyo Butsuri, Vol XXIX, No 3,
1960, pp 155-158.

SLA 60-18/09

Sc1

Apr 61

146,096

Design of Plasma-Jet Generators and Their Spectroscopic Measurements, (Part) I., by Tadao Horie, Tsutomu Ishimura, Yoshiaki Nakajima, 10 pp.

JAPANESE, per, Oyo Butsuri, Vol XLIX, No 7, 1960,
pp 438-442. 9099857

AEC SCL-T-403

Sci - Phys
May 62

198,539

Design of Plasma-Jet Generators and Their Spectroscopic
Measurements, (Part) II, by Tadao Horie, Tsutomu
Ishimura, Yoshiaki Nakajima,

JAPANESE, per, Oyo Butsuri, Vol XXX, 1960, pp 509-514.

9087628

AEC SCL-T-115

Sci - Phys

Jun 62

List 69

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62-10987

Kitamura, Saburo, Kubo, Takao and others.
SINTERED CADMIUM SULPHIDE PHOTOCONDUCT-
ING FILMS. [1961] [12]p.
Order from SLA \$1.60

62-10987

Trans. of Oyo Butsuri (Japan) 1960, v. 29, no. 9,
p. 636-641.

DESCRIPTORS: *Cadmium compounds, *Sulfides,
*Photoconductive films, Preparation, *Sintering,
Photosensitivity, Solid state physics.

The production method and the characteristics of
photoconductive sintered CdS film are described. As
sintered CdS film can be fabricated into desired
shapes and a comparatively strong photocurrent can
be gained from it, it is expected to be employed in
many ways as a photosensitive element in various
photoelectric relays or photoelectric meters. (Author)
(Physics--Solid State, TT, v. 8, no. 1)

I. Kitamura, S.
II. Kubo, T.

Office of Technical Services

Graininess and Granularity of Photographic
Materials, (III) Granularity of Color Film,
~~XXXXXXXXXXXX~~ by Shingo Ooue.

JAPANESE, per, OYO Butsuri, Vol XXIX, 1960,
pp 685-691.

*ERDL, Ft Belvoir T-1635

Sci - Phys
24 Aug 62

I-75/64

An Analysis of Photographic Materials As an
Image Transfer System, by Shingo Oue, 778.
JAPANESE, per, Journal of Applied Physics
[Oyo Butsuril], Vol XXIX, No 10, 1960,
pp 717-719.
*JPRS/SF-3296/Special

Sci-Phys
Aug 64

61-25058

Hattori, A.
RESPONSE FUNCTION AND RECOGNITION OF
FOCUSING SCREEN. Pt. 1. of Response Function and
Performance of Focusing Screen. [1961] 9p.
Order from ATS \$17.25 ATS-84N52]

Trans. of Oy6 Butsuri (Japan) 1961, v. 30, no. 1,
p. 31-36.

DESCRIPTORS: *Focusing. *Optical equipment,
*Grilles.

I. Hattori, A.
II. Title: Response...
III. ATS-84N52]
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

55199

Office of Technical Services

(Physics--Optics, TT, v. 6, no. 8)

Hattori, A.
GRAININESS OF FOCUSING SCREEN. Pt. 2. of
Response Function and Performance of Focusing
Screen. [1961] 7p.
Order from ATS \$14.00 ATS-85N52]

Trans. of Oyo Butsuri (Japan) 1961, v. 30, no. 1,
p. 36-40.

DESCRIPTORS: *Focusing, *Optical equipment,
*Grilles.

See also ATS-84N52]

(Physics--Optics, TT, v. 6, no. 8)

61-25059

- I. Title: Focusing screens
- I. Hattori, A.
- II. Title: Response...
- III. ATS-85N52]
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

185200

Office of Technical Services

X-Ray Diffraction Study on Internal Stress and
Structure of Evaporated Gold Films. I. by A. Kimbara,
9 pp.
JAPANESE, per, Ono Potenti, Vol XXX, No 7,
1961, pp 496-501. 9119286
JEC-C-T-05-726

Sci-Hyge
Aug 61

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X-Ray Diffraction Study on Internal Stress and
Structure of Evaporated Gold Films. II, by
A. Hinkara, 7 pp.
JAPANESE, per. Geo Butsuri, Vol XXX, No 9, 1961,
pp 647-653. 923923
AEC-54-T-65-727

Sci-Phys
Aug 68

286,393

Internal Stress in Evaporated Thin Silver
Films, by H. Kato, K. Nagasima.
JAPANESE, per, Oyo Butsuri, Vol 30,
No 9, pp 700-704, 1961 9229781-
AEC SC-T-65-731

Sci-Phys
Nov 65

291,660

A New Type of Shearing Interferometer and Its
Application ~~to~~ to Measurement of Transfer Functions
of Microscope Objective, by Tadao Tsuruta.

~~THE~~ JAPANESE, per, ^{Oy. Butsoni} Journal of Applied Physics 2
of Japan, Vol XXX, No 10, 1961, pp 770-777.

*ERDL, Ft Belvoir T-1632

Sci - Phys
24 Aug 62

Nakamura, K. and Kinoshita, K.
PERSISTENT INTERNAL POLARIZATION OF ZnS
TYPE PHOSPHORS AND ITS APPLICATIONS. [Jan 64]
11p
Order from ATS \$16.85 ATS-60Q73J

Trans. of Oyo Butsuri (Japan) 1961, v. 30, no. 10,
p. 778-785.

DESCRIPTORS: *Phosphors, *Zinc compounds,
*Sulfides, Polarization.

(Physics--Solid State, TT, v. 11, no. 10)

TT-64-12437

- I. Nakamura, K.
- II. Kinoshita, K.
- III. ATS-60Q73J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Hirose, Hidenori and Wada, Yasaku.
APPLICATION OF EVAPORATED METAL FILM TO
THE STUDY OF PERMEATION OF GAS THROUGH
POLYMER MEMBRANES. [1963] 12p 2refs
Order from SLA \$1.60 TT-64-14363

Trans. of Oyo Butsuri (Japan) 1961, v. 30, no. 12,
p. 911-915. (Abstract available)

DESCRIPTORS: *Plastic films, *Membranes, Gases,
*Permeability, *Metal films, Vapor plating.

A method is given whereby the three resistances of
adsorption, desorption and diffusion may be measured
separately by vaporizing a thin layer of metal onto a
membrane surface and limiting the permeation area so
that the permeation volume can be determined. (Author)

(Physics, TT, v. 11, no. 9)

TT-64-14363

I. Hirose, H.
II. Wada, Y.

Office of Technical Services

The Relation between Sharpness and Response
Functions, by S. Ooue, 14 pp.
JAPANESE, per, Oyo Bytsuri, Vol XXXI, No 3,
pp 178-186.
ATS-62R76J

Sci - M/M
Jul 66

305,884

Interference Comparator for Routine Measurement
of Length. (Parts I & II), by Tadashi MOROKUMA.
JAPANESE, per, Oyo Butsuri, Vol 31, No 3, 1962,
pp 192-207.
*AEC

Sci/Methods and Equipment
Feb 67

Interference Comparator for Routine Measurement of
Length (1) and (2), by T. Morokuna, 36 pp.

JAPANESE, per, ^{Oye Butsuri} Journal of Applied Physics, Vol XXXI,
No 3, 1962, pp 192-207.

Natl Bureau of Standards

Sci - Phys

Oct 62

212, ~~780~~ 790

Asakura, T.
DIFFRACTION PATTERNS OF APERTURES WITH
NON-UNIFORM PHASE AND AMPLITUDE DISTRI-
BUTIONS. I. THE WIENER APOLIZATION PROBLEM.
[1963] 15p.
Order from ATS \$15.40 ATS-88Q68J

Trans. of Oyo Butsuri (Japan) 1962, v. 31, no. 9,
p. 730-738.

DESCRIPTORS: *Diffraction analysis.

(Physics--Solid State, TT, v. 10, no. 6)

63-17728

- I. Title: Wiener problem
- I. Asakura, T.
- II. ATS-88Q68J
- III. Associated Technical
Services, Inc.,
East Orange, N. J.
- IV. Title: Wiener ...

Office of Technical Services

63-22726

Kimura, Nobuyoshi.
AUTOMATIC DESIGN OF MULTILAYER DIELECTRIC
FILMS, I, tr. by Shingo Tsunekane. 1963 19p 4refs
Technical Trans. 1085.
Order from NRCC \$1.00 NRCC C-4500

Trans. of Oyo Butsuri (Japan) 1962, v. 31, no. 9,
p. 739-745.

DESCRIPTORS: *Dielectric films, Synthesis, Refrac-
tive index, *Optical properties, Design, Numerical
analysis, High-pass filters, Band-pass filters

(Physics--Solid State, TT, v. 10, no. 10)

- I. Kimura, N.
- II. NRCC TT-1085
- III. NRCC C-4500
- IV. National Research Council
of Canada

Office of Technical Services

Hayamizu, Yoshisada.
ON THE DIFFERENTIAL COEFFICIENT OF THE
REFLECTIVITY OF MULTILAYER FILMS
Shingo Tsunekane, tr. 1963, 9p 4refs NRCC Technical
Trans. 1086.
Order from NRCC \$0.50 NRCC-C-4479

Trans. of [Oyo Butsuri] (Japan) 1962, v. 31, no. 9,
p. 749-752.

DESCRIPTORS: *Dielectric films, *Reflection,
Differential equations.

(Physics--Optics, TT, v. 11, no. 4)

TT-63-22725

I. Hayamizu, Y.
II. NRCC-TT-1086
III. NRCC-C-4479
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